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|--|---|----------------------|----------------------|
| FACSIMILE TRANSMITTAL FORM | | Application Number | 10/700137 |
| | | Filing Date | November 3, 2003 |
| | | First Named Inventor | Onderkirk, Andrew J. |
| | | Art Unit | 1773 |
| | | Examiner Name | Vivian Chen |
| Fax: 703-872-9306 | Attorney Docket Number | 51474USD010 | |
| Total Number of Pages in This Submission: 20 (Including Cover Sheet) | | | |
| Date: December 23, 2004 | Attorney for Applicant: Milena G. Higgins RECEIVED | | |

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DEC 23 2004

ENCLOSURES
 (check all that apply)

| | | |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Issue Fee Transmittal <input checked="" type="checkbox"/> Amendment Transmittal | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s) | <input type="checkbox"/> Petition to Convert a Provisional Application | <input type="checkbox"/> Appeal Communication to Technology Center (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Power of Attorney, Revocation | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Change of Correspondence Address | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Information Disclosure Statement | <input checked="" type="checkbox"/> Terminal Disclaimer(s) (2 Terminal Disclaimers Enclosed) | <input type="checkbox"/> Other Enclosures: |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR § 1.52 or 1.53 | <input type="checkbox"/> Request for Refund <input type="checkbox"/> Request for Continued Examination (RCE) Transmittal | |
| <input type="checkbox"/> Drawings | <input type="checkbox"/> After Allowance Communication to Technology Center | |
| REMARKS: | | |

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Patent
Case No.: 51474US010

32692

Customer Number

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE RECEIVED
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First Named Inventor: OUDERKIRK, ANDREW J.

Application No.: 10/700137

Group Art Unit: 1773

DEC 23 2004

Filed: November 3, 2003

Examiner: Vivian Chen

Title: HIGH EFFICIENCY OPTICAL DEVICES

AMENDMENT TRANSMITTAL LETTER

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]

I hereby certify that this correspondence is being:

transmitted by facsimile on the date shown below to the United States Patent and
Trademark Office at (703) 872-9306.

December 23, 2004 Andrea Newhouse
Date Signed by: Andrea Newhouse

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attached is an amendment in the above-identified application. The fee for this amendment is computed as follows:

| Claims As Amended | | | | | | |
|--|--|-------|--|-----|------------|-----------------|
| (1) | (2) Claims Remaining After Amendment | (3) | (4) Highest No. Previously Paid For | (5) | (6) | (7) |
| Total Claims | 32 | Minus | ** 32 | 0 | x \$50.00 | \$0.00 |
| Independent Claims | 6 | Minus | *** 3 | 3 | x \$200.00 | \$600.00 |
| Additional fee for filing one or more multiple dependent claims, if no such fee has been previously paid | | | | | | \$360.00 |
| Total Additional Fee For This Amendment | | | | | | \$600.00 |
| ** If the "Highest No. Previously Paid For" in this space would be less than 20, write "20" in this space. | | | | | | |
| *** If the "Highest No. previously Paid For" in this space would be less than 3, write "3" in this space. | | | | | | |

Please charge to Deposit Account 13-3723 any fees under 37 CFR §§ 1.16 and 1.17 which may be required during the entire pendency of this application. This authorization includes the fee for any extension of time under 37 CFR § 1.136(a) that may be necessary. To the extent any such extension should become necessary, it is hereby requested. One copy of this sheet marked duplicate is also enclosed.

Respectfully submitted,

23 Dec 2004

Date

By: *Stephen C. Jensen*

Stephen C. Jensen, Reg. No.: 35,207
Telephone No.: (651) 736-3369

Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-3833

32692
Customer NumberPatent
Case No.: 51474US010IN THE UNITED STATES PATENT AND TRADEMARK OFFICE RECEIVED
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First Named Inventor: OUDERKIRK, ANDREW J.

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Signed by: Andrea Newhouse

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|--|--|-------|--|----------------------|-------------|-----------------------|
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Stephen C. Jensen, Reg. No.: 35,207
Telephone No.: (651) 736-3369Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-3833**Duplicate**

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First Named Inventor: OUDERKIRK, ANDREW J.

Application No.: 10/700137 Group Art Unit: 1773

Filed: November 3, 2003 Examiner: Vivian Chen

Title: HIGH EFFICIENCY OPTICAL DEVICES

AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111
AND REQUEST FOR ONE-MONTH EXTENSION UNDER 37 CFR § 1.136(a)

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Trademark Office at (703) 872-9306.

December 23, 2004 Andrea Newhouse
Date Signed by: Andrea Newhouse

Dear Sir:

This is in response to the outstanding Office Action, dated 08/25/2004, in the above-identified application. The Office Action rejected all pending claims 1-20.

An Amendment Transmittal Form for payment of additional claim fees is attached. In the event any additional fee is due, please charge such fee to Deposit Account No. 13-3723.